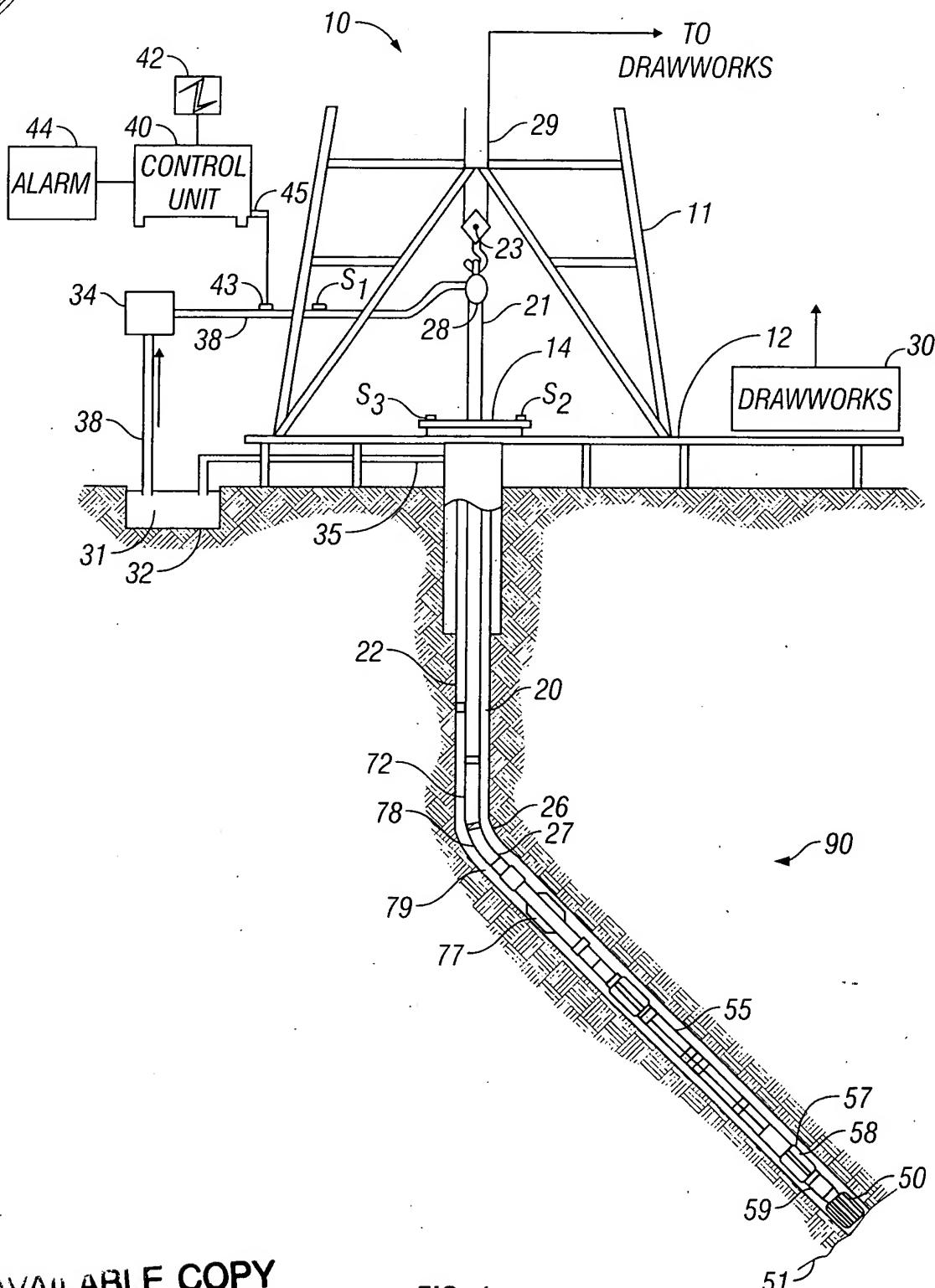


Inventor(s): Rene N. Ritter et al.  
Title: Apparatus and Method for Resistivity Measurements During Rotational Drilling  
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**FIG. 1**  
**(Prior Art)**

Inventor(s): Rene N. Ritter et al.

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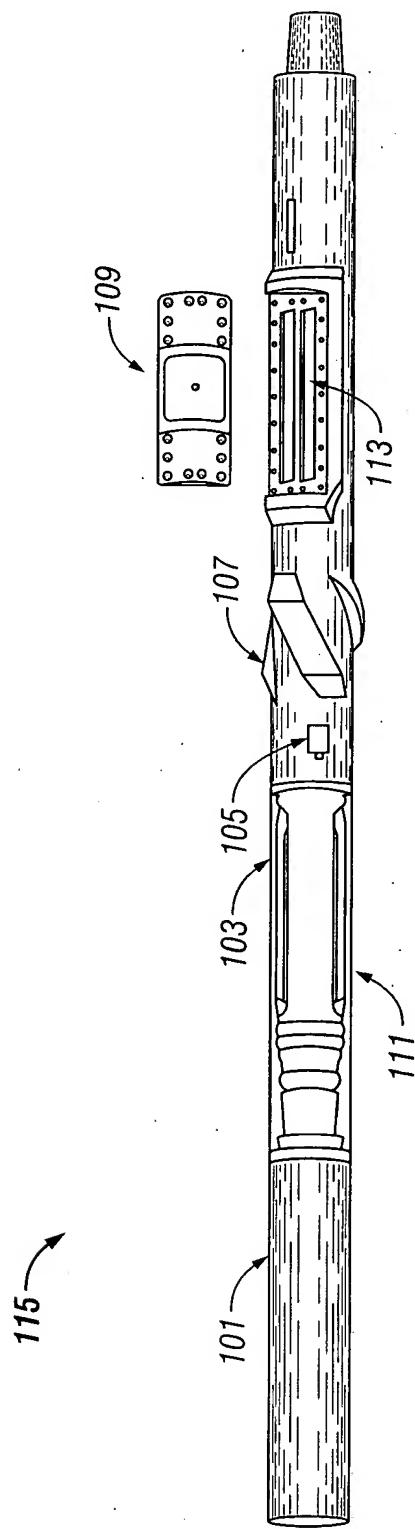


FIG. 2

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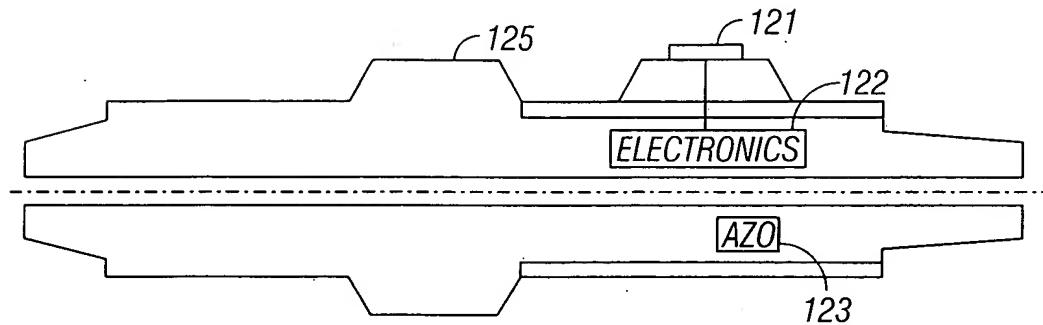


FIG. 3A

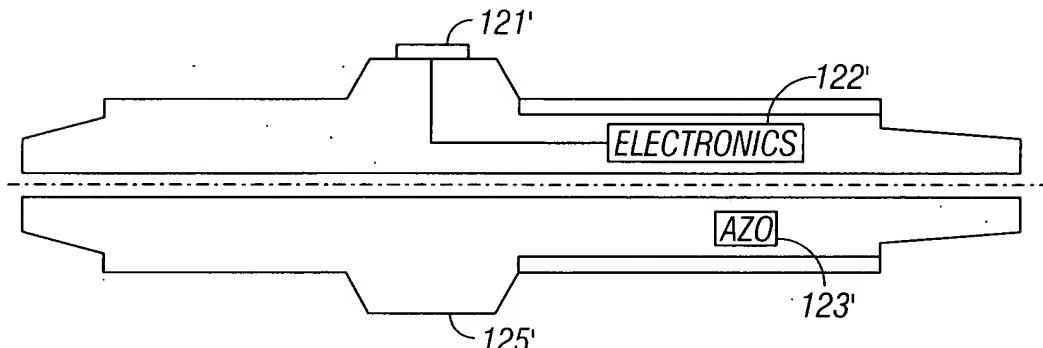


FIG. 3B

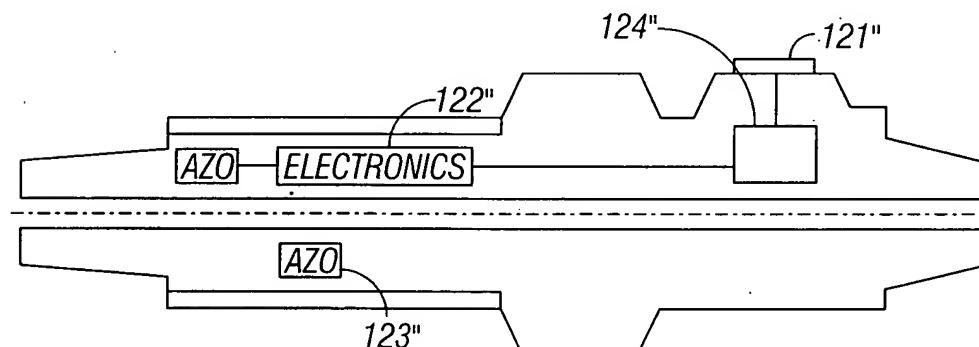


FIG. 3C

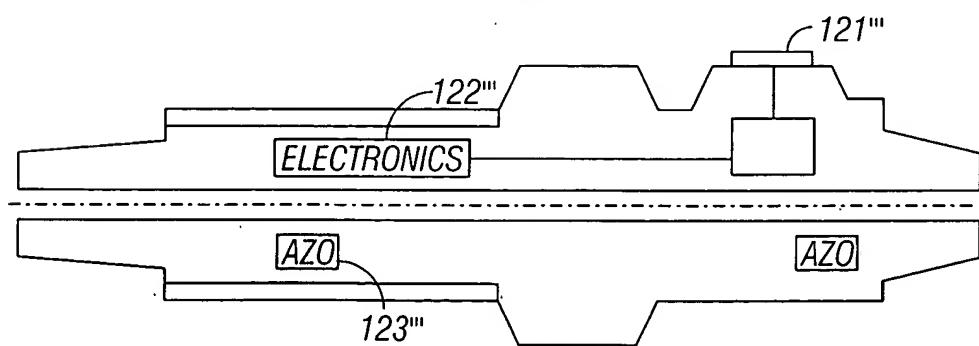


FIG. 3D

Inventor(s): Rene N. Ritter et al.  
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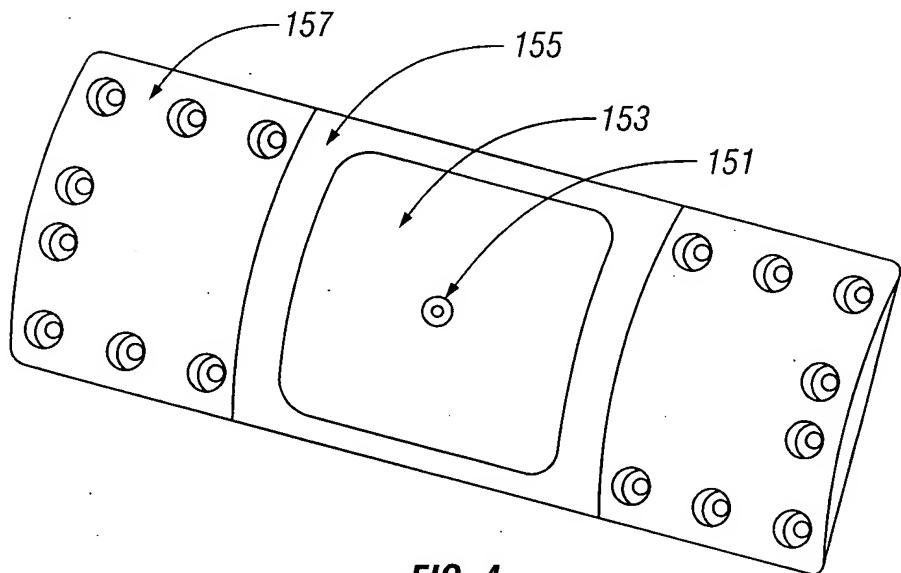


FIG. 4

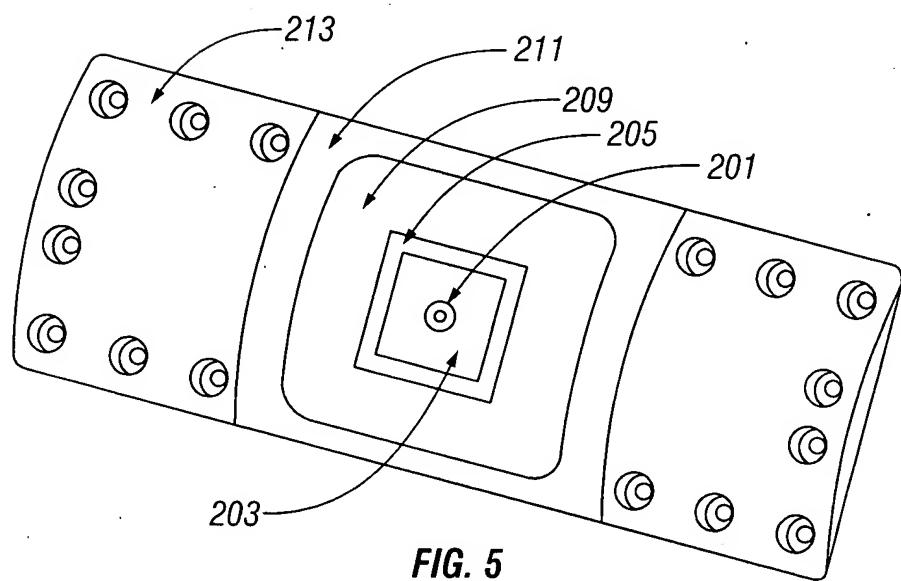


FIG. 5

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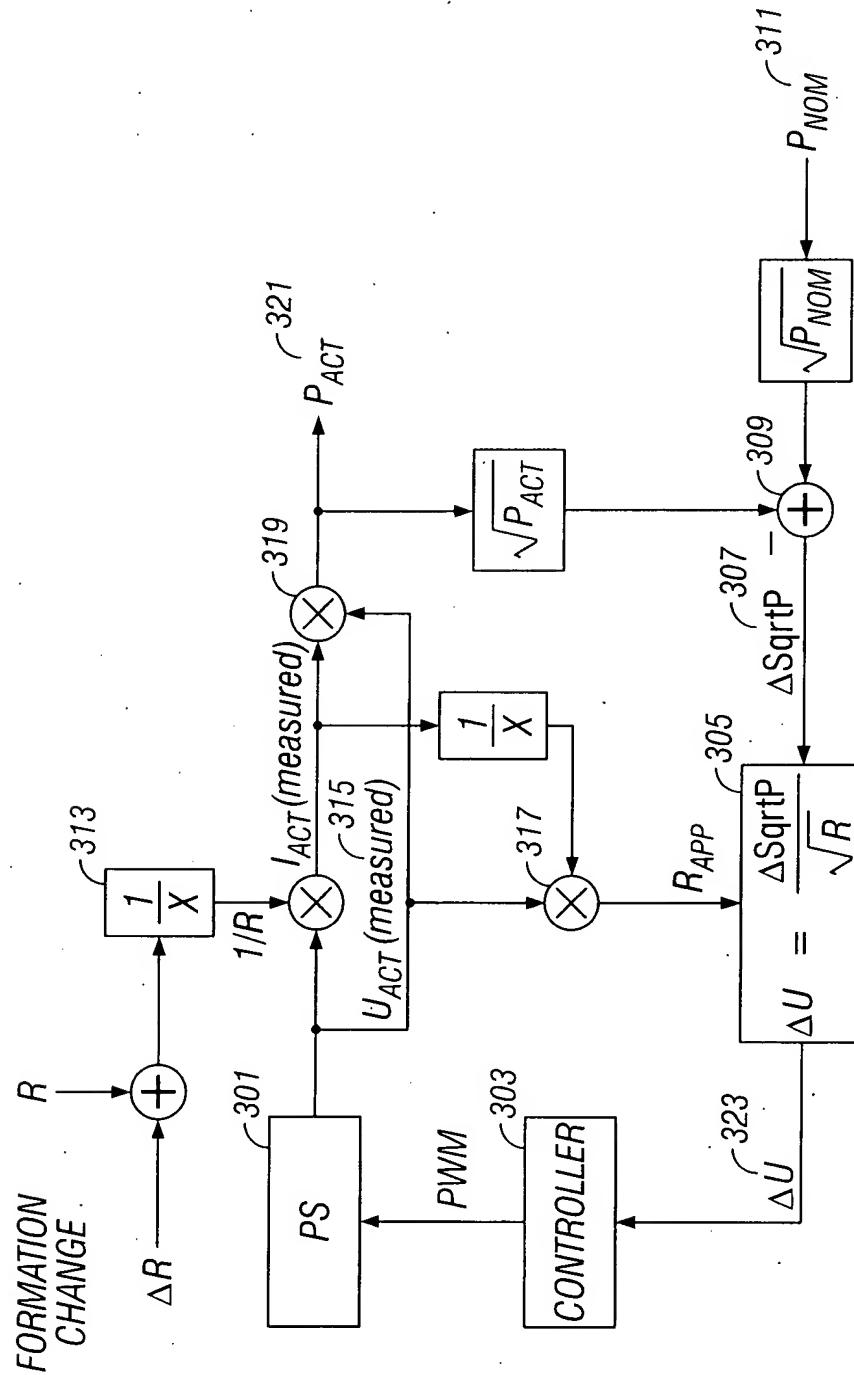


FIG. 6

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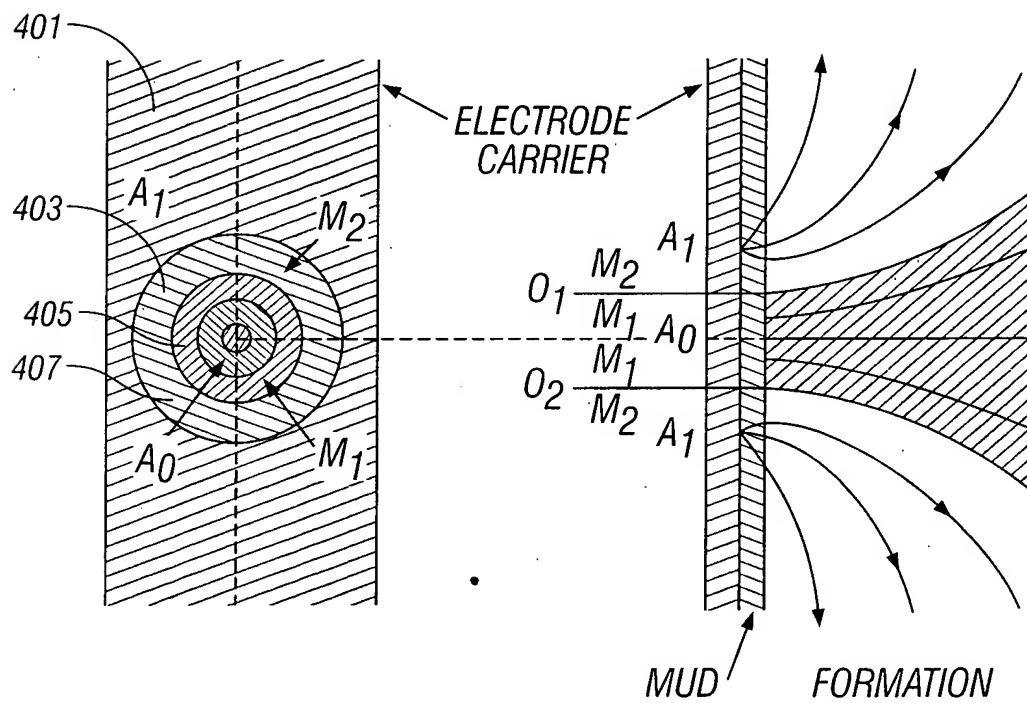


FIG. 7

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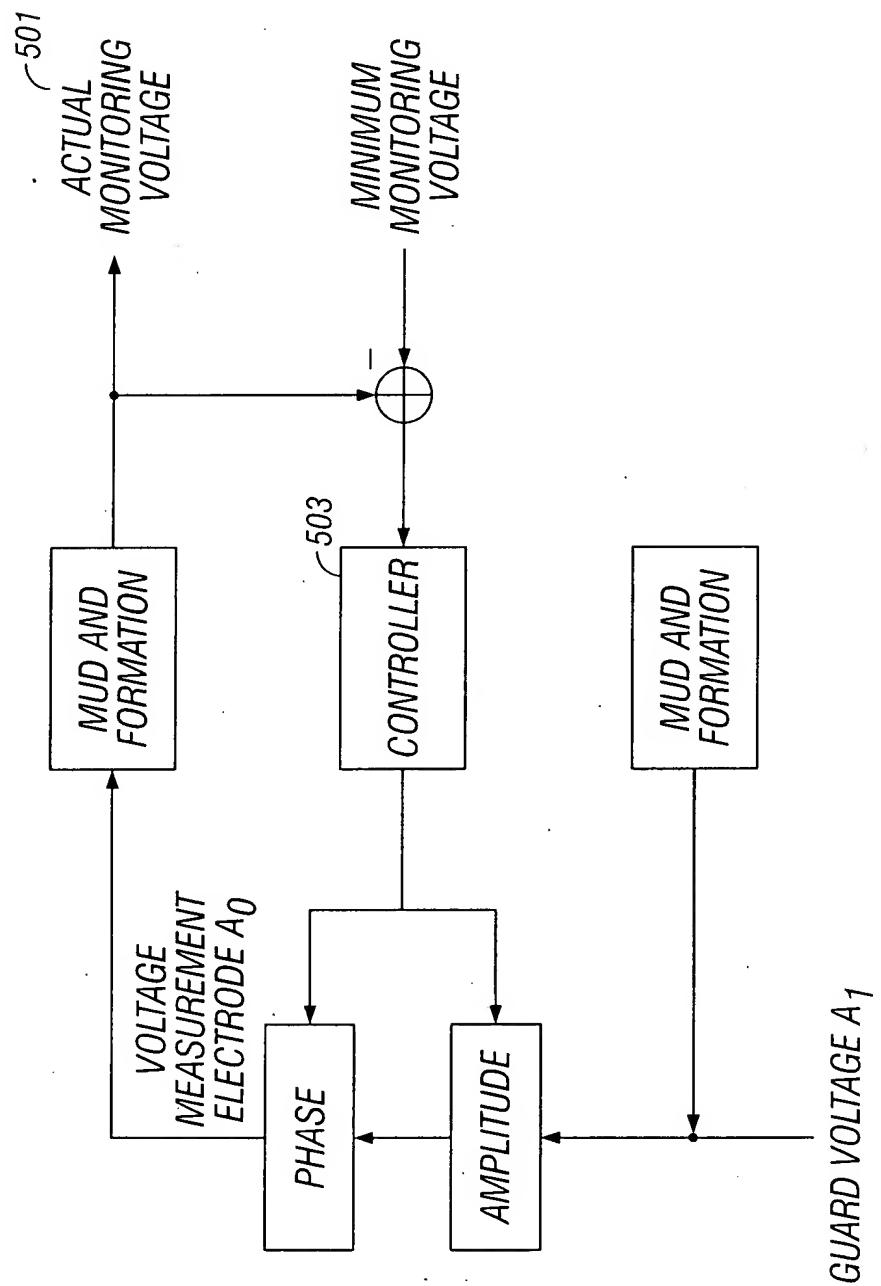


FIG. 8

Inventor(s): Rene N. Ritter et al.

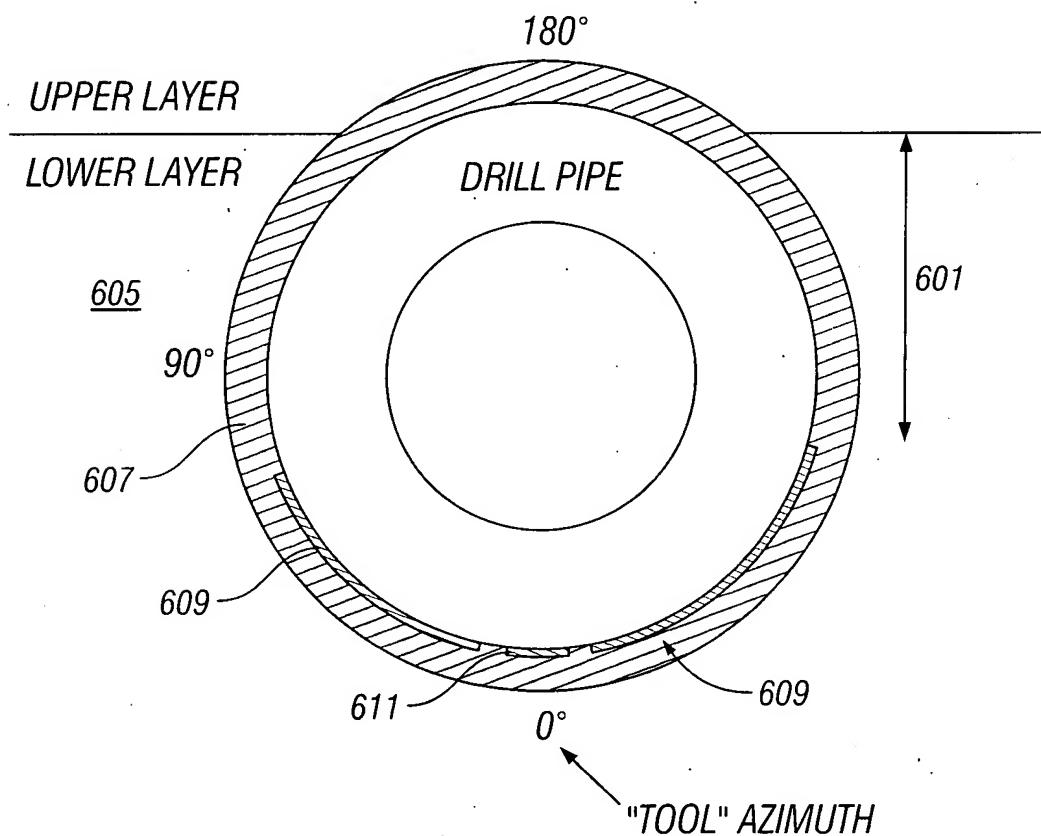
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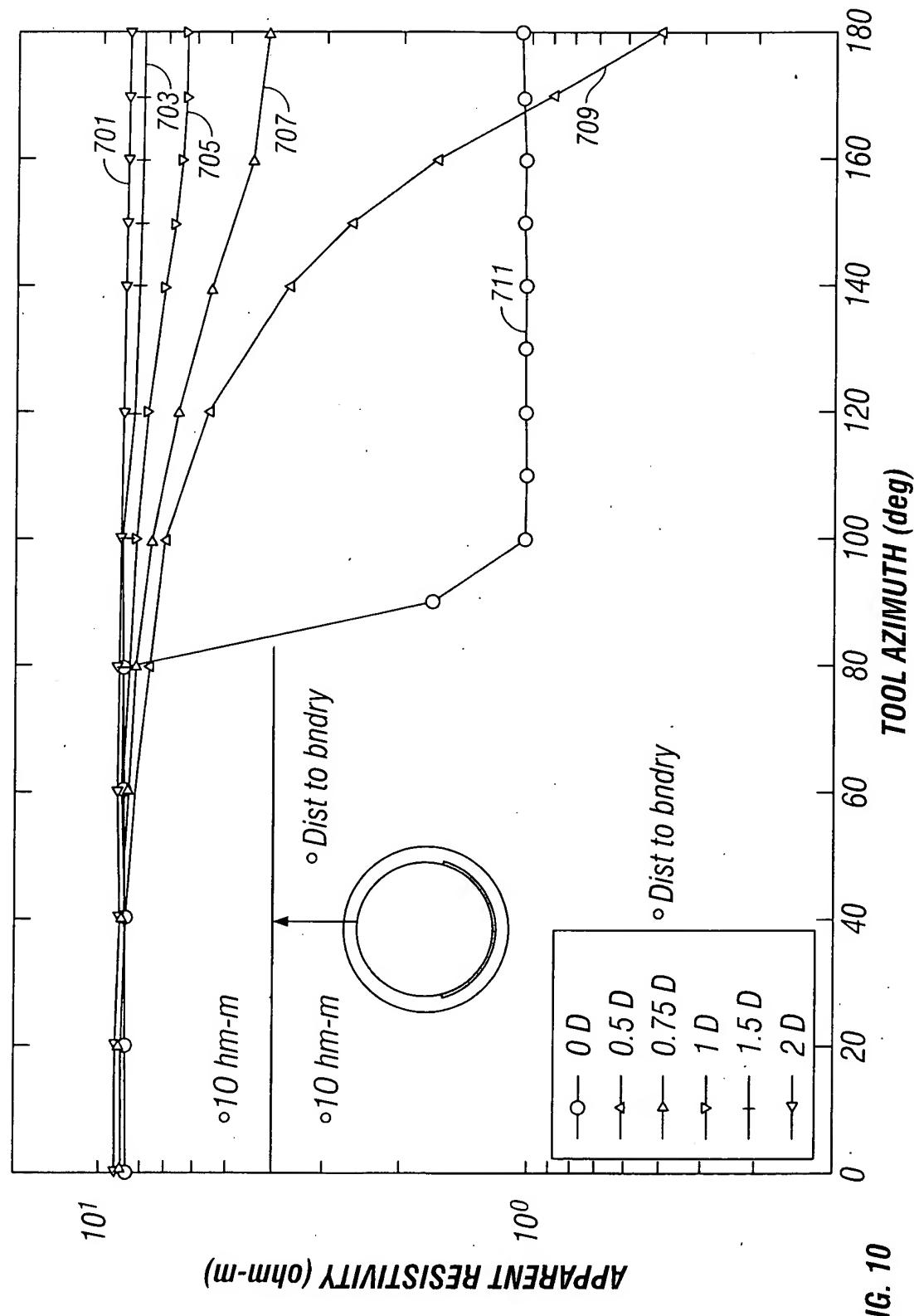
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**FIG. 9**

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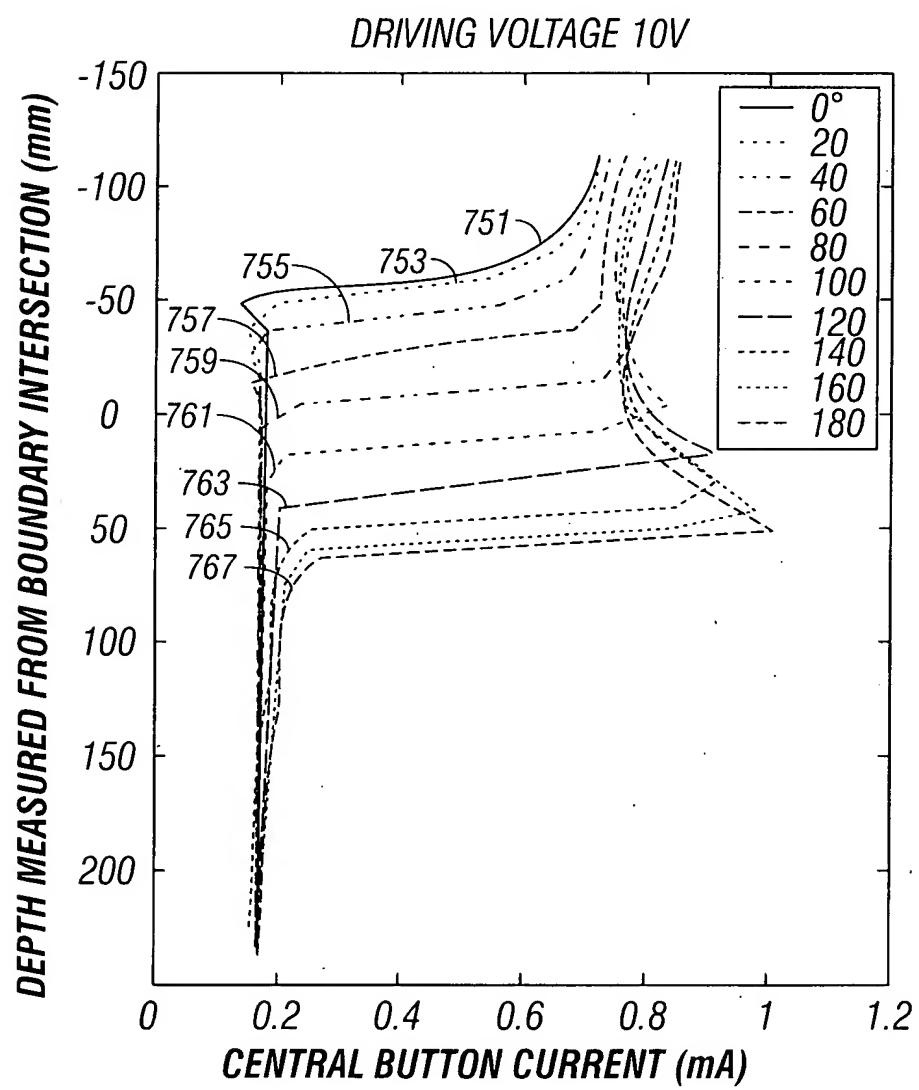


FIG. 11

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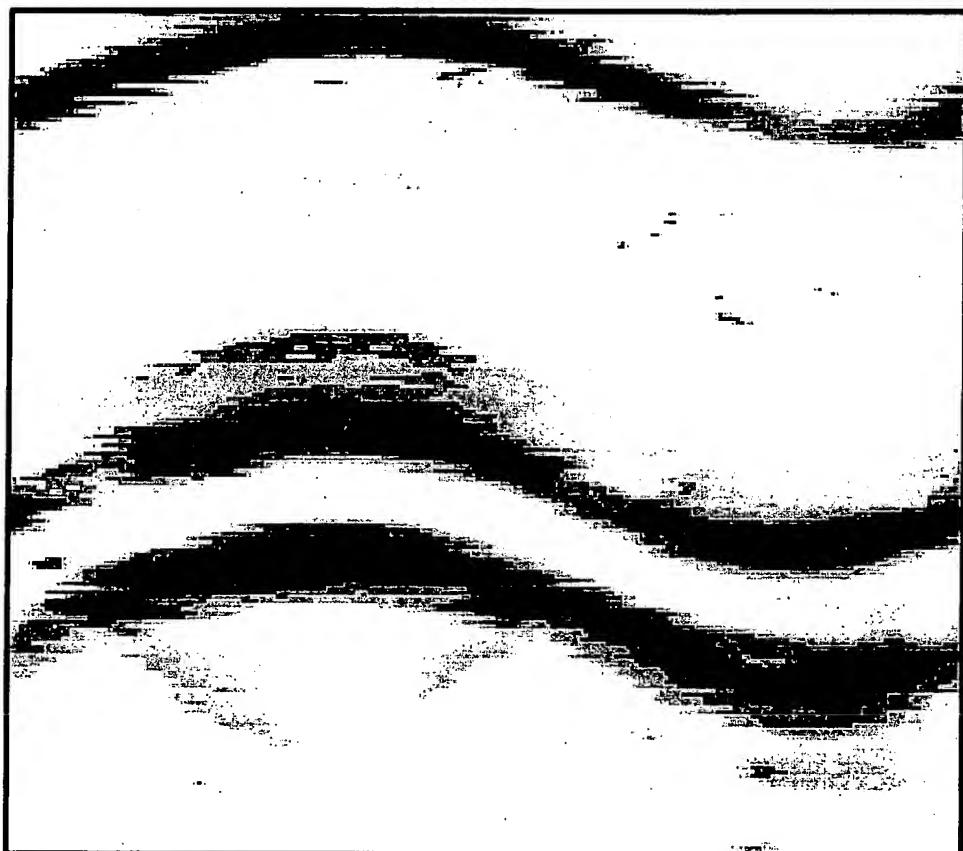


FIG. 12

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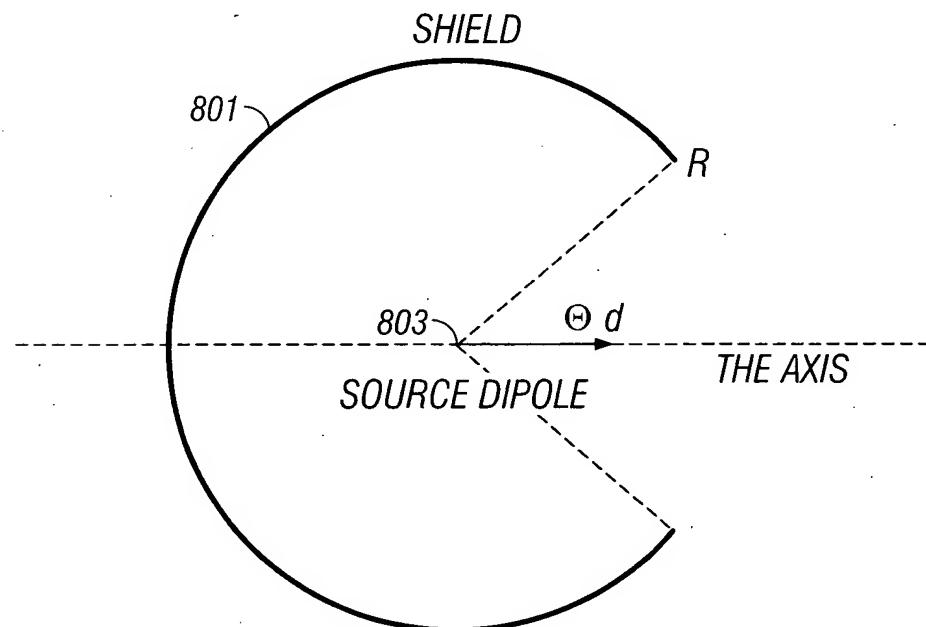


FIG. 13

QUADRUPOLE INDUCTION SYSTEM

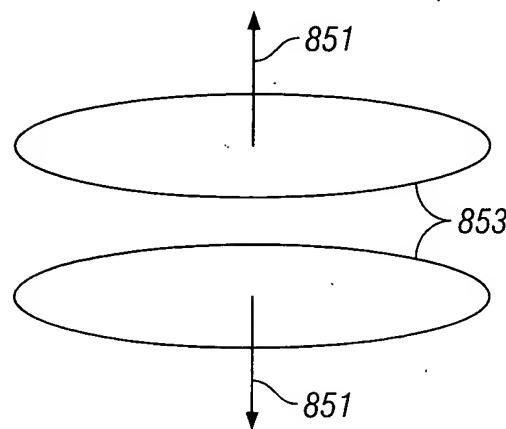
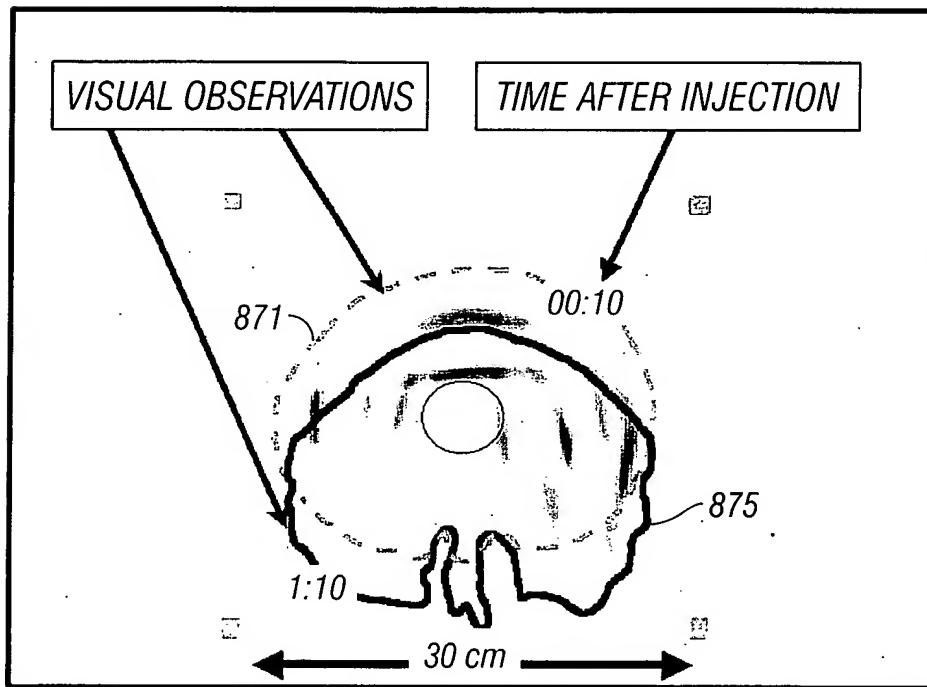


FIG. 14

Inventor(s): Rene N. Ritter et al.  
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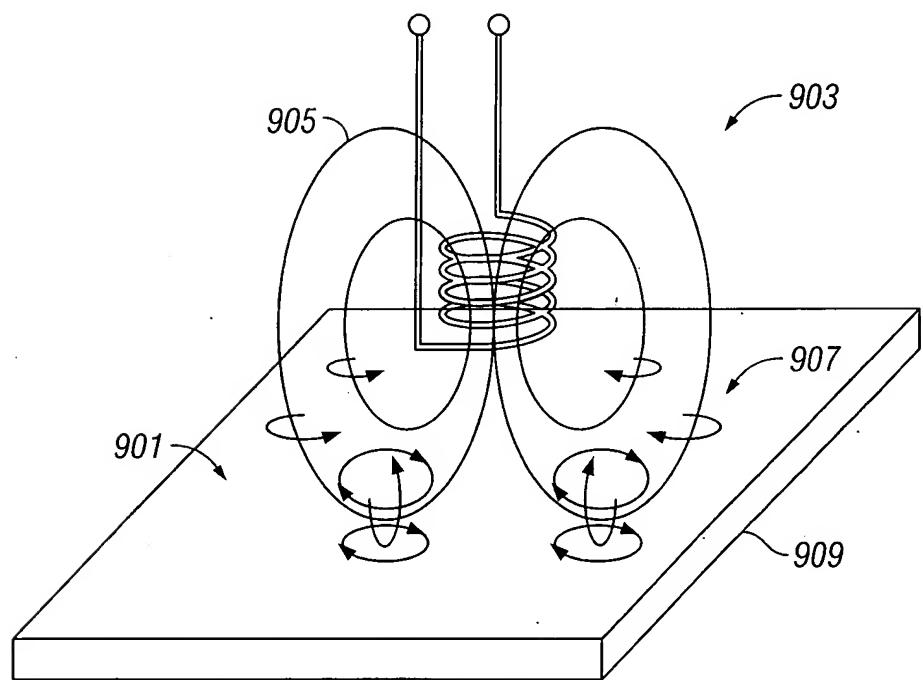
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**FIG. 15**  
**(Prior Art)**

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**FIG. 16**  
*(Prior Art)*

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